

ITEM	QTY -041	P/N	DESCRIPTION
1	X	D4970-041	WINDSHIELD DEFLECTOR ASSY
2	1	D4970-1	WINDSHIELD DEFLECTOR - LOWER
3	1	D4970-3	WINDSHIELD DEFLECTOR - UPPER
4	2	D4970-5	DOUBLER
5	6	MS20470AD6-12	RIVET, SOLID, PAN HEAD

D4970-041 WINDSHIELD DEFLECTOR ASSY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005. APPLY FINISH AFTER ASSEMBLY
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 3.15 lbs (1.44 kgs)
  - 8) APPLY RTV SEALANT LOCTITE 598 TO FAYING SURFACES

UNDER REVIEW  
14.4.30

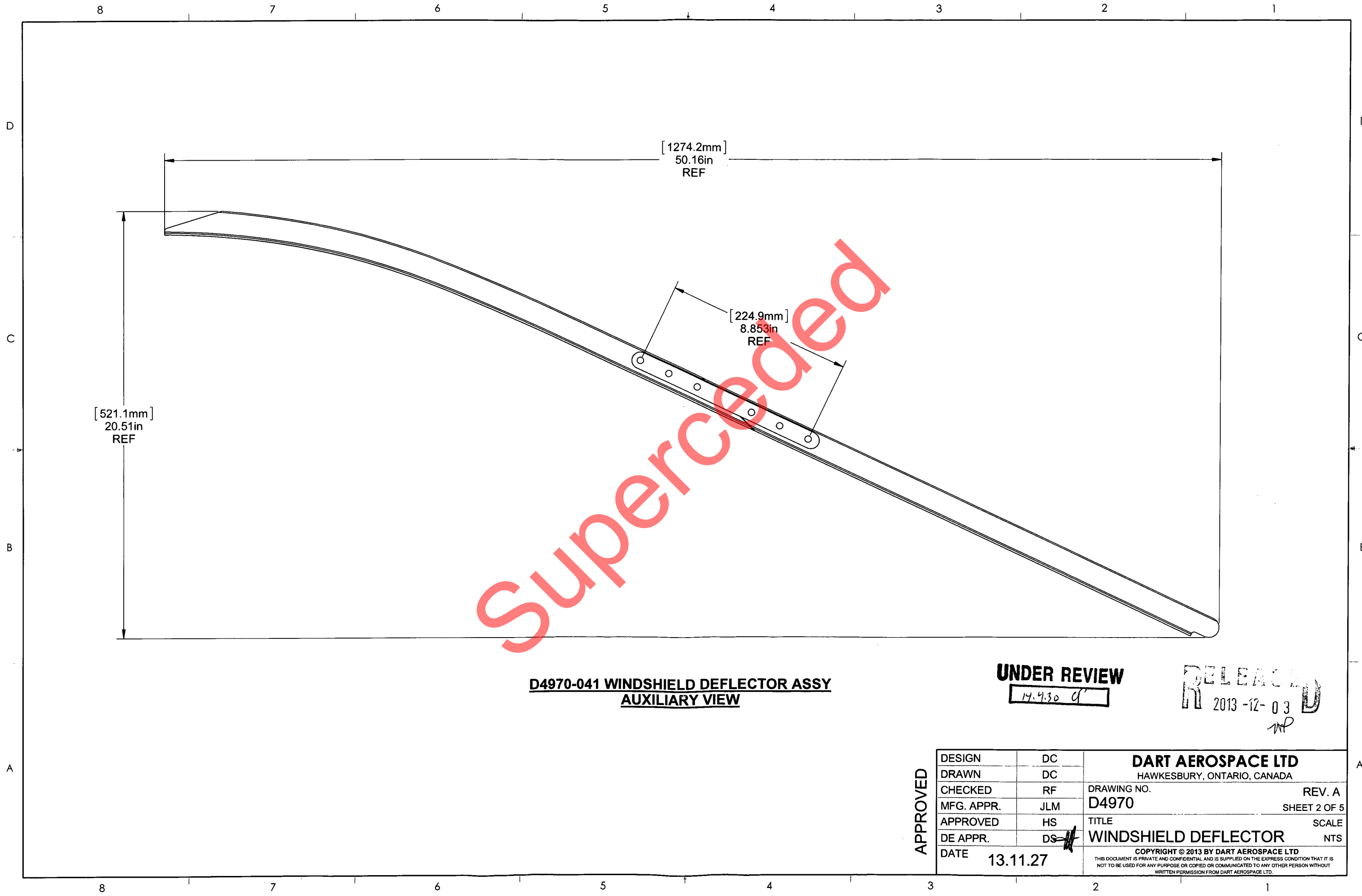
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A	NEW ISSUE	DC	13.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	JLM	D4970	SHEET 1 OF 5
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INDEX REVIEW



**D4970-041 WINDSHIELD DEFLECTOR ASSY**  
**AUXILIARY VIEW**

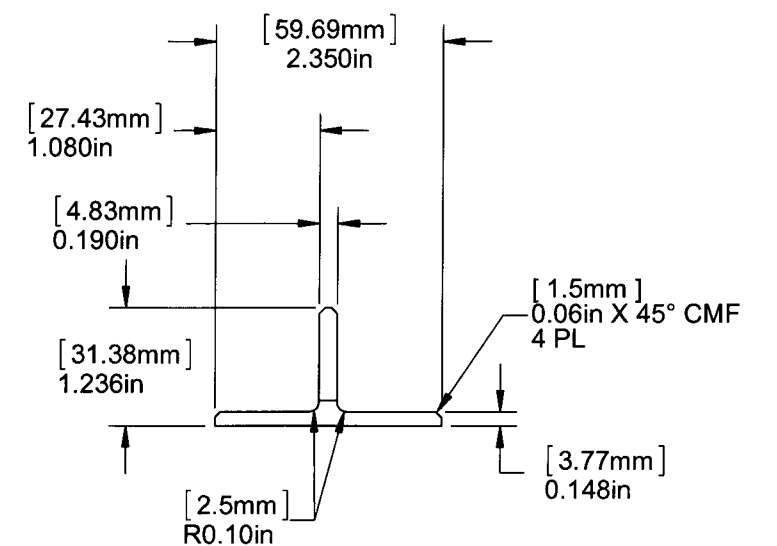
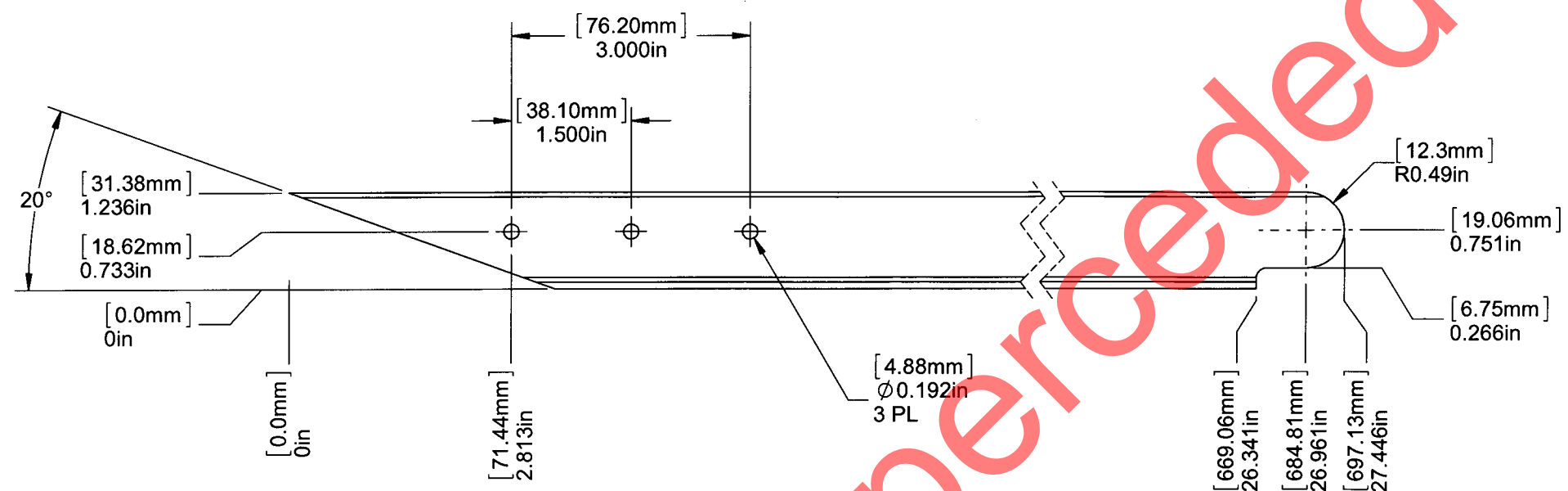
**UNDER REVIEW**

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2013-12-03  
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MFG. APPR.	JLM	<b>D4970</b>	SHEET 2 OF 5
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# **D4970-1 WINDSHIELD DEFLECTOR - LOWER**

## **NOTES:**

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-1", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE,  
USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
- 7) WEIGHT: 1.35 lbs (0.62 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-1-a.IGES
- 9) REFERENCE APICAL PART NUMBER 647.9413

**UNDER REVIEW**

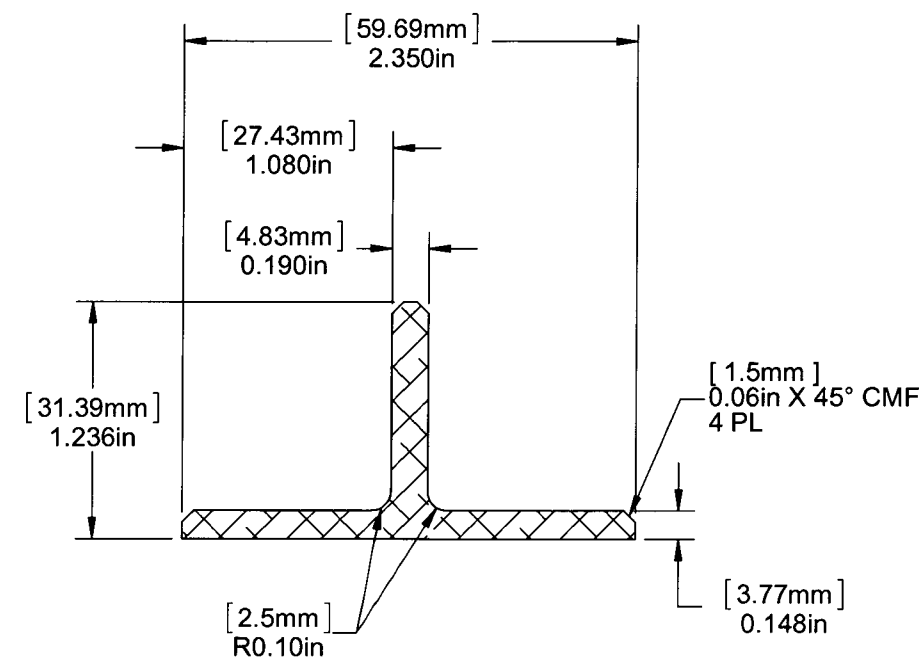
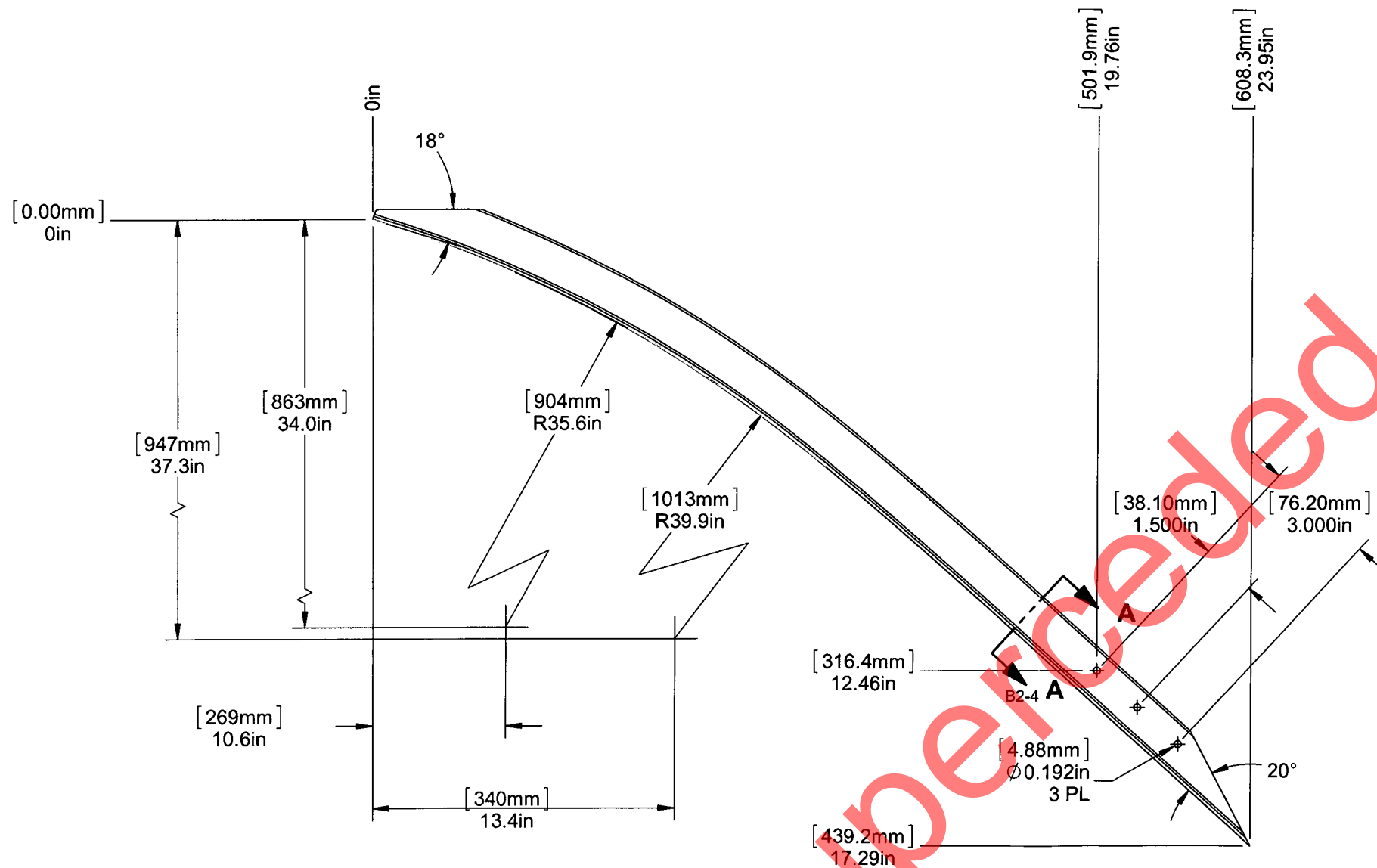
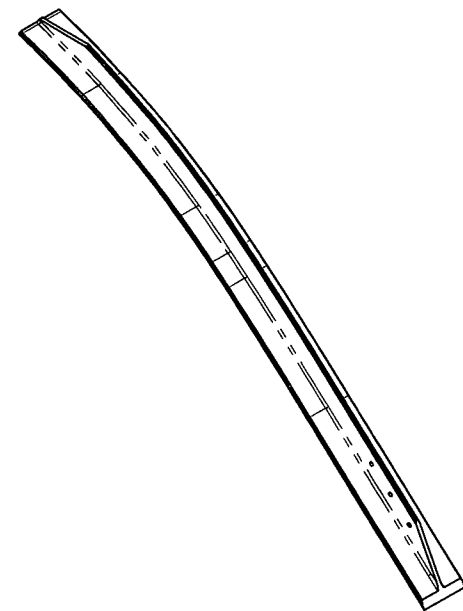
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MFG. APPR.	JLM	<b>D4970</b>	SHEET 3 OF 5
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WELSH HEDD  
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D4970-3 WINDSHIELD DEFLECTOR - UPPER

SECTION A-A  
B5-4

UNDER REVIEW

RELEASED  
2013-12-03

- NOTES:
- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
  - 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-3", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE,  
USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
  - 7) WEIGHT: 1.61 lbs (0.73 kgs)
  - 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-3-a.IGES

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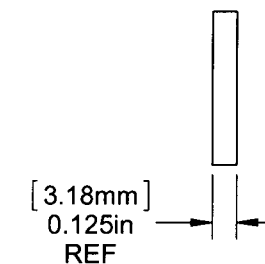
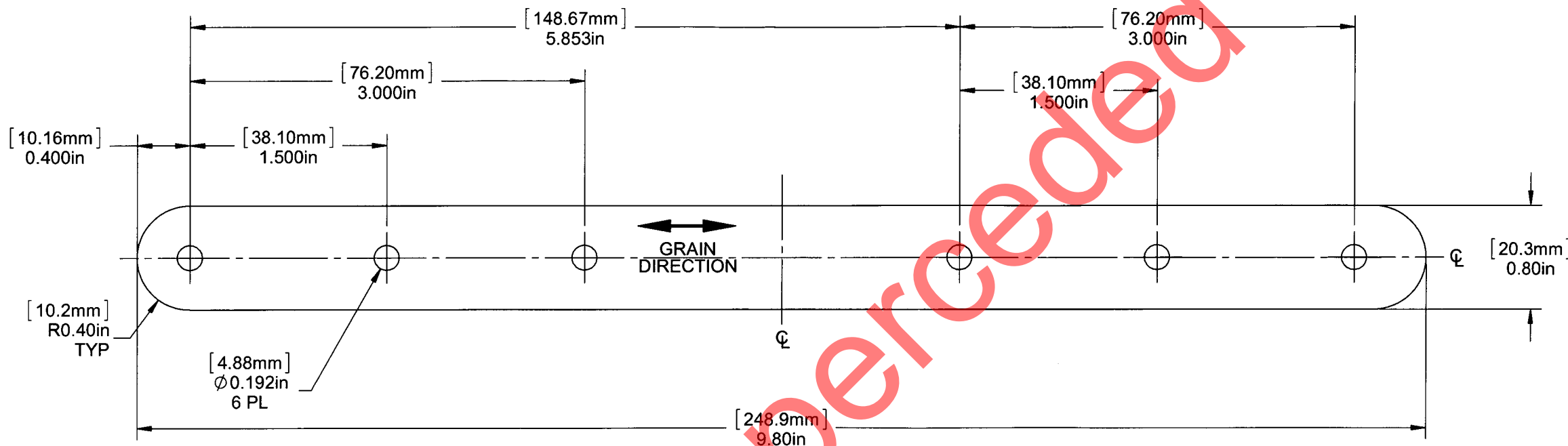
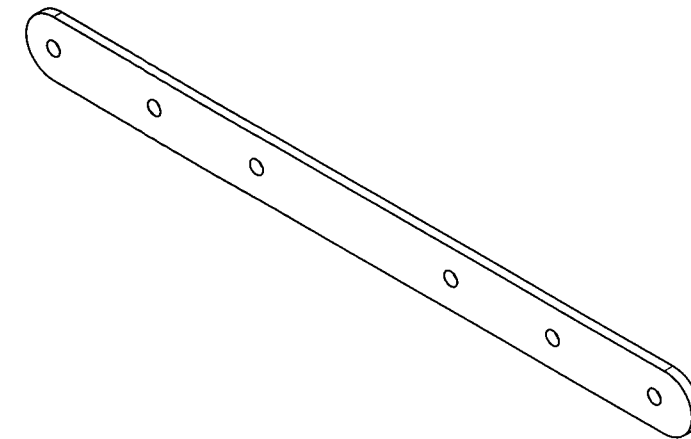
C

B

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A

A



**D4970-5 DOUBLER**

**NOTES:**

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-5", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE,  
USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
- 7) WEIGHT: 0.10 lbs (0.05 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-5-a.IGES

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